U.S. ROUTE 101 CORRIDOR STUDY

Between Route 110 & Route 23

TCRP PROJECT # 48
07-21160K
PPNo: TBD
LA-101 PM 1.57/38.19
VEN-101 PM 0.00/3.50

* *An administrative adjustment in September 2000 extended the study limits from Route 170 to Route 110, in downtown Los Angeles, an additional distance of about 6.25 miles (study costs remain unchanged).*

I. Purpose and Need.

The US 101 freeway is one of the most congested Routes of the Nation. A comprehensive corridor analysis is being prepared to identify multimodal, intermodal, short-range, mid-, & long-range transportation improvements for improving mobility within the US 101 Freeway Corridor. A consultant will perform corridor analysis and, based on the preferred alternative, the Consultant will prepare PSRs/PSR equivalent documents for implementing the most critically needed improvements.

Scope of Transportation Improvements.

The Corridor analysis includes: Data collection, developing alternatives, alternatives analysis (modeling, environmental evaluation, costs, etc.) & public outreach program. Upon identifying a preferred alternative, the consultant will prepare PSRs/PSR equivalent documents for the most critically needed improvements.

Alternatives under consideration.

A wide range of solutions will be evaluated. Conceptual alternatives, and elements of these alternatives are as follows:

1. *No Build (Baseline)*
2. *Intelligent Transportation Systems (ITS)/Transportation Demand Management (TDM) strategies for each mode*
3. *Transitway and/or HOV lanes along the US 101 Freeway*
4. *General Purpose lanes along the US 101 Freeway*
5. *"Smart" corridors*
6. *Alternatives that include interchange concepts, auxiliary lanes, operational issues, key intersection and/or roadway improvements, interfaces of travel modes within the corridor, truck stops, and freight movement issues through the corridor*
7. *Park and ride facilities and transit centers*
8. *Transit priority systems on adjacent arterials*
9. *Light rail, commuter rail, High Speed rail*

II. Benefits

Transportation Benefits

This Corridor Study is intended to become the comprehensive "blueprint" for a wide variety of transportation operational and infrastructure improvements throughout the corridor over the next twenty (20) years or so. Projects that are implemented along the corridor will provide the following transportation benefits:

1. *An integrated, multimodal, intermodal transportation system for efficient movement of people and goods*
2. *Increase in Level of Service (LOS), e.g., increase average speeds, reduce congestion along the freeway and adjacent surface streets, and reduce peak period delay*
3. *Improvement in traffic safety of all modes*
4. *Reduction in commuter traffic in residential neighborhoods*

The Corridor Study will fulfill the requirements of the current federal transportation program, the Transportation Equity Act for the 21st Century (TEA-21), Section 1308, Major Investment Study (MIS) Integration.

Other Benefits

1. *Reduced impacts to the environment by more effectively and efficiently using all modes of transportation as an integrated system*
2. *Improvement of air quality by reducing air pollution resulting from traffic congestion along the corridor, especially carbon monoxide (CO) and partic lates (PM10), with particular regard to sensitive receptors such as residential areas, schools, hospitals and eldercare facilities*
3. *Integration of transportation solutions with "livable communities" issues as they relate to major transportation infrastructure and main trunk line services.*

III. Cost

The total cost of the Study is $ 6.0 million.The funding details are as follow.

Fund Source	Programmed Amount (capital plus support)	Additional Funding Needs (if any)	Milestones to be met with funds (PA&ED, R/W Cert, RTL, CCA)
SPR/CPG*	$1.0 million for support only		Pre PA/ED Study
RTIP			
ITIP			
Grandfathered STIP			
SHOPP			
Measure	$0.5 million for support only		Pre PA/ED Study
RSTP			
CMAQ			
TCRP	$3.0 million		Pre PA/ED Study
Private Funding			
Total	$4.5 million	$1.5 million **	

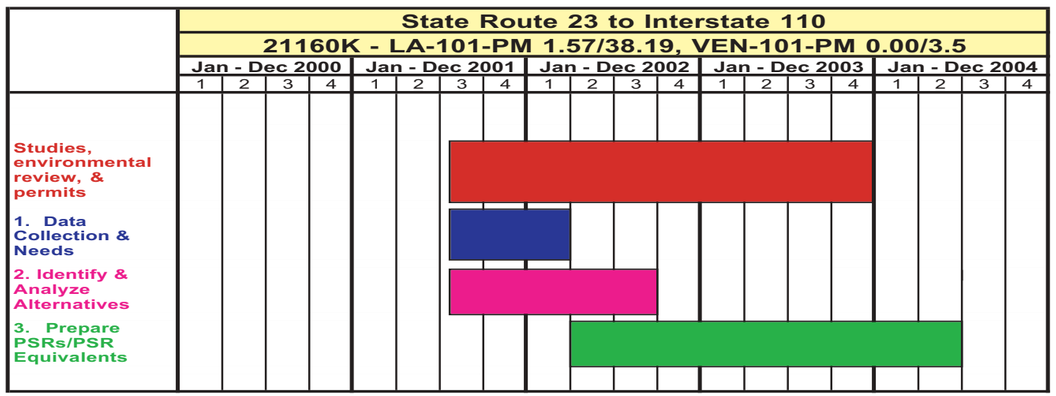
* *SPR/CPG = State Planning & Research Funding Program/Consolidated Planning Grant Program. These programs involve federal funds, with a state and/or local agency match of about 20 percent.*

** *As the contract proceeds, an additional $1.5 million will be pursued to supplement PSR/PSR equivalent document development.*

PROJECT SCHEDULE

Total Estimated Cost of Corridor Study: $4.5 million *

Please note that the schedule is subject to change once consultant contract commences.



* At least an additional $1.5 million will be pursued for supplement PSR/PSR equivalent documentation development as the consultant contract proceeds.